

# DIAMOND DRILL LOG

Hole ID : PM-08-02

HOLE ID : <b>PM-08-02</b>	Started : <b>October 29, 2008</b>	Completed : <b>November 1, 2008</b>	Drilled by : <b>Chenier Drilling</b>																
Project : <b>Magpie</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>Dip Test: N/A</b></td> <td style="width: 50%; text-align: center;">Test type :</td> </tr> <tr> <td colspan="2" style="text-align: center;">Depth (m)</td> </tr> <tr> <td style="width: 25%;">Collar</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Dip (°)</td> <td style="text-align: center;">50</td> <td></td> <td></td> </tr> <tr> <td>Azimuth (°)</td> <td style="text-align: center;">N090</td> <td></td> <td></td> </tr> </table>		<b>Dip Test: N/A</b>	Test type :	Depth (m)		Collar				Dip (°)	50			Azimuth (°)	N090			Length (m) <b>316.00</b> m Core Size : <b>AX</b>
<b>Dip Test: N/A</b>	Test type :																		
Depth (m)																			
Collar																			
Dip (°)	50																		
Azimuth (°)	N090																		
Topographic map : <b>22 P/08</b>			Total drilled length : <b>316.00</b> m																
Location Nad : <b>83 27</b> UTM Zone : <b>20 U</b>			Reason for drilling																
Easting (UTM East) : <b>426041</b> <b>425979</b>			Horizontal projection : <b>203.12</b> m																
Northing (UTM North) : <b>5693931</b> <b>5693715</b>			Vertical projection : <b>242.07</b> m																
Elevation : <b>782</b> m			Overburden : <b>1.45</b> m																
			Casing : <b>1.50</b> m In <input checked="" type="checkbox"/> Out <input type="checkbox"/>																

Depth (m)		Width (m)	Structure		DESCRIPTION	RQD				SAMPLE				ASSAYS				
From	To		Type	CA (°)		From	to	>10 cm	%	Nº	From	To	D	Width	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Cr <sub>2</sub> O <sub>3</sub>	Photo
						3.0	6.0	2.92	97.3	140944	1.45	4.33		2.88	61.30	11.00	1.48	100_0024_025
<b>0.00</b>	<b>1.45</b>	<b>1.45</b>			<b>Overburden + casing</b>	6.0	9.0	2.80	93.3	140945	4.33	7.15	4.23	2.82	63.50	11.10	2.04	
						9.0	12.0	3.00	100.0	140946	7.15	9.90		2.75	59.00	11.15	2.27	
<b>1.45</b>	<b>46.70</b>	<b>45.25</b>			<b>Massive magnetite layer</b>	12.0	15.0	2.90	96.7	140947	9.90	12.70		2.80	60.20	10.70	1.96	
					Black to steel grey, fine-grained, equigranular, contain locally cm to dm leuco to melanocratic norite veins and/or xenolithic cluster, calcite ± chlorite jointing	15.0	18.0	2.90	96.7	140948	12.70	15.43		2.73	61.20	11.20	1.91	
					Minerals: magnetite (90%), plagioclase feldspar (4-5%), pyroxene (4-5%), biotite (tr. <1%), calcite (tr. <1%), chlorite (tr.), pyrite (tr.).	18.0	21.0	3.00	100.0	140949	15.43	18.18		2.75	61.20	10.95	1.74	
					Rare jointing (1/3m) from 3.28 to 24.0 m	21.0	24.0	2.80	93.3	140950	18.18	21.00		2.82	60.60	10.55	2.11	
					Leuconorite vein (locally pegmatitic)	24.0	27.0	2.95	98.3	140951	21.00	23.75		2.75	61.80	11.05	2.78	
					(7.33-7.40 m, 16.55-16.73 m (60° a/s))	27.0	30.0	3.00	100.0	140952	23.75	26.60	4.11	2.85	59.50	10.90	2.69	
						30.0	33.0	3.00	100.0	140953	26.60	29.35		2.75	63.90	11.95	2.41	
						33.0	36.0	3.00	100.0	140954	29.35	32.05		2.70	62.60	11.10	1.82	
						36.0	39.0	3.00	100.0	140955	32.05	34.80		2.75	63.20	10.95	1.77	
						39.0	42.0	3.00	100.0	140956	34.80	37.85		3.05	65.00	11.35	1.71	
					<b>Diabase dyke (90° a/s)</b>	42.0	45.0	3.00	100.0	140957	37.85	40.78		2.93	62.00	11.30	1.70	
						45.0	48.0	3.00	100.0	140958	40.78	43.73		2.95	62.90	11.00	1.92	
						48.0	51.0	3.00	100.0	140959	43.73	46.70	4.07	2.97	62.00	11.00	2.28	
						51.0	54.0	3.00	100.0	140960	46.70	49.70	3.93	3.00	57.40	10.30	2.41	
					<b>Leuconorite to norite veins and clusters</b>	54.0	57.0	3.00	100.0	140961	49.70	52.65		2.95	59.30	10.50	2.27	
						57.0	60.0	3.00	100.0	140962	52.65	55.45		2.80	59.60	10.70	2.15	
					48.59 m (90° a/s), 48.70-48.73 m (90° a/s), 50.15-50.22 m (norite) (45° a/s),	60.0	63.0	3.00	100.0	140963	55.45	58.15		2.70	61.90	10.45	2.11	
					50.38 m, 50.52-50.55 m, 53.83-54.05 m	63.0	66.0	2.60	86.7	140964	58.15	61.08		2.93	59.20	10.60	2.04	
					54.10-54.25 m (cp), 58.2-58.23 m (50° a/s), 63.2-63.55 m (numerous cm veins)	66.0	69.0	2.95	98.3	140965	61.08	64.05		2.97	57.60	10.10	1.83	
						69.0	72.0	3.00	100.0	140966	64.05	66.90		2.85	61.80	10.95	1.88	
						72.0	75.0	3.00	100.0	140967	66.90	69.85		2.95	60.40	10.90	1.82	
					chlorite, calcite, epidote	75.0	78.0	2.92	97.3	140968	69.85	73.95		4.10	60.20	10.80	1.78	
					<b>Massive magnetite layer (75-85% oxides)</b>	78.0	81.0	2.85	95.0	140969	73.95	75.30	4.11	1.35	63.40	11.20	1.87	
						81.0	84.0	3.00	100.0	140970	75.30	78.00		2.70	62.60	10.95	1.86	
						84.0	87.0	2.90	96.7	140971	78.00	80.75		2.75	62.10	11.30	1.92	
						87.0	90.0	2.90	96.7	140972	80.75	83.65		2.90	62.80	11.00	1.85	
						90.0	91.5	1.35	90.0	140973	83.65	86.65		3.00	64.00	10.75	1.93	
						91.5	94.5	3.00	100.0	140974	86.65	89.32		2.67	62.90	11.50	1.93	
						94.5	97.5	3.00	100.0	140975	89.32	92.05		2.73	65.50	10.95	1.91	
					Norite vein: 71.60-71.75 (10 cm true thickness)	97.5	100.5	3.00	100.0	140976	92.05	94.87		2.82	65.10	11.00	1.83	
						100.5	102.0	1.20	80.0	140977	94.87	97.60	4.14	2.73	64.00	11.45	1.82	
						102.0	105.0	2.40	80.0	140978	97.60	100.50		2.90	63.90	11.30	1.88	



# DIAMOND DRILL LOG

Hole ID : PM-08-02

Depth (m)		Width (m)	Structure		DESCRIPTION	RQD				SAMPLE				ASSAYS					
From	To		Type	CA (°)		From	to	>10 cm	%	Nº	From	To	D	Width	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Cr <sub>2</sub> O <sub>3</sub>	Photo	
184.50	187.50	3.00	Joint	5/3m	15	Anastomosed veins, norite clusters at or from-to:													
187.50	190.50	3.00	Joint	2/3m	10														
190.50	193.50	3.00	Joint	14/3m	15-30	182.0 m, 193.68-193.8 m, 195.95-196.0 m (90° a/s), 196.57 m, 198.5-198.55 m,													
193.50	196.50	3.00	Joint	5/3m	20	200.41-200.47 m (90° a/s)													
196.50	199.50	3.00	Joint			194.10-194.25 m, Horst & Graben (photo)													
199.50	202.50	3.00	Joint																
202.50	205.50	3.00	Joint	3/3m	20	Rare jointing between 208.5-279.0 m													
205.50	208.50	3.00	Joint	5/3m	60														
208.50	211.50	3.00	Joint																
211.50	214.50	3.00	Joint																
214.50	217.50	3.00	Joint																
217.50	220.50	3.00	Joint																
220.50	223.50	3.00	Joint																
223.50	226.50	3.00	Joint																
<b>205.85</b>	<b>206.55</b>	<b>0.70</b>				<b>Diabase dyke (90° a/s)</b>													
<b>206.55</b>	<b>283.75</b>	<b>77.20</b>				<b>Massive magnetite layer (85-95% oxides)</b>													
247.50	250.50	3.00	Joint	5/3m	40,80														
250.50	253.50	3.00	Joint	3/3m	60														
253.50	256.50	3.00	Joint	3/3m	30														
256.50	259.50	3.00	Joint	1/3m	20														
259.50	262.50	3.00	Joint	6/3m	20,60														
262.50	264.00	1.50	Joint	6/3 m	30,45														
264.00	267.00	3.00	Joint	13/3m	25,60														
267.00	270.00	3.00	Joint	3/3m															
279.00	282.00	3.00	Joint	14/3m	10,30														
282.00	285.00	3.00	Joint																
285.00	288.00	3.00	Joint	3/3m	30														
288.00	291.00	3.00	Joint	1/3m	30														
291.00	294.00	3.00																	
<b>283.75</b>	<b>311.30</b>	<b>27.55</b>				<b>Marginale zone/magnetite bearing norite</b>													
						dark grey with light grey spots, coarse grain, banded structure.													
						Minerals: Magnetite (30%), plagioclase (30%), hornblende (25%),													
						pyroxene (10%) and biotite (5%).													
<b>311.30</b>	<b>316.00</b>	<b>4.70</b>				<b>Augen orthogneiss (Anorthosite to monzonite)</b>													
						Grey to pinkish, coarse grain, porphyroblastic, gneissosity (45°a/s)													
						Minerals: Plagioclase (40%), k-feldspar (40%), quartz (10%),													
						magnetite (5%), biotite (3-5%), hornblende (1%), epidote (<1%).													
	<b>316.00</b>					<b>End of hole</b>													